What is claimed is:

1.   A method of enabling at least one user
to manage a plurality of animals from birth to death,
said method comprising:

electronically detecting each of said
plurality of animals;

electronically identifying each of said
plurality of detected animals;

collecting information on said plurality
of animals in a database, wherein at least a portion of
said collection occurs automatically based, at least in
part, on said electronic detection;

processing at least a portion of said
collected information; and

providing access to said collected and
said processed information in said database, said user
managing said plurality of animals based, at least in
part, on said accessed data.

2.   The method of claim 1 further
comprising:

providing a second user of said at least
one user with access to said collected and said
processed information in said database when said second
user purchases said plurality of animals.

3. A system of enabling at least one user to manage a plurality of animals from birth to death, said system comprising:

a server;

a plurality of computers coupled to said server;

a central database coupled to said server; and

a plurality of electronic devices coupled to at least one of said plurality of computers that are capable of detecting and identifying said plurality of animals;

wherein said server is configured to:

electronically detect each of said plurality of animals;

electronically identify each of said plurality of detected animals;

collect information on said plurality of animals in said database, wherein at least a portion of said collection occurs automatically based, at least in part, on said electronic detection;

process at least a portion of said collected information; and

provide access to said collected and said processed information in said database, said user managing said plurality of animals based, at least in part, on said accessed data.

4. The system of claim 3, wherein said server is further configured to:

provide a second user of said at least one user with access to said collected and said

processed information in said database when said second user purchases said plurality of animals.

5. A method of enabling at least one user to manage a plurality of animals at multiple stages of each animal's life, said method comprising:

electronically detecting each of said plurality of animals;

electronically identifying each of said plurality of detected animals;

collecting information on said plurality of animals in a database, wherein at least a portion of said collection occurs automatically based, at least in part, on said electronic detection;

processing at least a portion of said collected information; and

providing access to said collected and said processed information in said database, said user managing said plurality of animals based, at least in part, on said accessed data.

6. The method of claim 5, wherein said multiple stages are selected from the group consisting of: birth, feedlot, and slaughter.

7. The method of claim 5 further comprising:

providing a second user of said at least one user with access to said collected and said processed information in said database when said user purchases said plurality of animals.

8.   A system of enabling at least one user
to manage a plurality of animals at multiple stages of
each animal's life, said system comprising:

a server;

a plurality of computers coupled to said
server;

a central database coupled to said
server; and

a plurality of electronic devices
coupled to at least one of said plurality of computers
that are capable of identifying and detecting said
plurality of animals;

wherein said server is configured to:

electronically detect each of said
plurality of animals;

electronically identify each of
said plurality of detected animals;

collect information on said
plurality of animals in said database, wherein at least
a portion of said collection occurs automatically
based, at least in part, on said electronic detection;

process at least a portion of said
collected information; and

provide access to said collected
and said processed information in said database, said
user managing said plurality of animals based, at least
in part, on said accessed data.

9.   The system of claim 8, wherein said
multiple stages are selected from the group consisting
of: birth, feedlot, and slaughter.

10. The system of claim 8, wherein said server is further configures to:

provide a second user of said at least one user with access to said collected and said processed information in said database when said user purchases said plurality of animals.

11. A method of enabling a user to participate in a selected beef marketing program, said method comprising:

collecting information on a plurality of animals to be certified under said marketing program;

storing said collected information in a database;

querying said database to verify that individual animals of said plurality of animals are certifiable under said marketing program; and

notifying said user that said individual animals are certifiable under said marketing program.

12. The method of claim 11 further comprising:

selecting said program from a plurality of programs.

13. The method of claim 11 further comprising:

providing said user with the capability to view the program requirements for said selected program.

14.   The method of claim 13 further
comprising:

    providing said user with the capability
to view the program requirements that are met; and

    providing said user with the capability
to view the status of the program requirements.

15.   The method of claim 11 further
comprising:

    determining the expenses of a seller;

    determining the benefits of a buyer; and

    providing said user with a valuation
comprising the expenses of said seller and the benefits
of said buyer.

16.   The method of claim 15 further
comprising:

    providing said user with a value for
said individual animals based, at least in part, on
said valuation.

17.   The method of claim 11, wherein said
collecting further comprises:

    collecting information on said plurality
of animals based on physical attributes.

18.   The method of claim 11, wherein said
collecting further comprises:

    collecting information on said plurality
of animals based on process attributes.

19.   A system of enabling a user to
participate in a selected beef marketing program, said
system comprising:

> a server;

> a plurality of computers coupled to said
server; and

> a central database coupled to said
server;

> wherein said server is configured to:

>> collect information on a plurality
of animals to be certified under said marketing
program;

>> store said collected information in
said database;

>> query said database to verify that
individual animals of said plurality of animals are
certifiable under said marketing program; and

>> notify said user that said
individual animals are certifiable under said marketing
program.

20.   The system of claim 19, wherein said
server is further configured to:

> select said program from a plurality of
programs.

21.   The system of claim 19, wherein said
server is further configured to:

> provide said user with the capability to
view the program requirements for said selected
program.

22.   The system of claim 21, wherein said
server is further configured to:

provide said user with the capability to
view the program requirements that are met; and

provide said user with the capability to
view the status of the program requirements.

23.   The system of claim 19, wherein said
server is further configured to:

determine the expenses of a seller;

determine the benefits of a buyer; and

provide said user with a valuation
comprising the expenses of said seller and the benefits
of said buyer.

24.   The system of claim 23, wherein said
server is further configured to:

provide said user with a value for said
individual animals based, at least in part, on said
valuation.

25.   The system of claim 19, wherein said
server is further configured to:

collect information on said plurality of
animals based on physical attributes.

26.   The system of claim 19, wherein said
server is further configured to:

collect information on said plurality of
animals based on process attributes.

27. A method of automatically selecting at least one individual animal out of a plurality of animals that qualifies for at least one branded beef program of a plurality of branded beef programs, said method comprising:

collecting information on a plurality of animals to be certified under said selected program;

storing said collected information in a central database;

comparing said collected information with the program requirements of said branded beef program of said plurality of branded beef programs; and

notifying a user that said individual animals are certifiable.

28. The method of claim 27 further comprising:

providing said user with the capability to view the program requirements for said selected program.

29. The method of claim 28 further comprising:

providing said user with the capability to view the program requirements that are met; and

providing said user with the capability to view the status of the program requirements.

30. The method of claim 27 further comprising:

determining the expenses of a seller;

determining the benefits of a buyer; and

providing said user with a valuation comprising of the expenses of said seller and the benefits of said buyer.

31. The method of claim 30 further comprising:

providing said user with a value for said individual animals based, at least in part, on said valuation.

32. The method of claim 27, wherein said collecting further comprises:

collecting information on said plurality of animals based on physical attributes.

33. The method of claim 27, wherein said collecting further comprises:

collecting information on said plurality of animals based on process attributes.

34. A system of automatically selecting at least one individual animal out of a plurality of animals that qualifies for at least one branded beef program of a plurality of branded beef programs, said system comprising:

a server;

a plurality of computers coupled to said server; and

a central database coupled to said server;

wherein said server is configured to:

collect information on a plurality of animals to be certified under said selected program;

store said collected information in said central database;

compare said collected information with the program requirements of said branded beef program of said plurality of branded beef programs; and

notify a user that said individual animals are certifiable.

35.   The system of claim 34, wherein said server is further configured to:

provide said user with the capability to view the program requirements for said selected program.

36.   The system of claim 35, wherein said server is further configured to:

provide said user with the capability to view the program requirements that are met; and

provide said user with the capability to view the status of the program requirements.

37.   The system of claim 34, wherein said server is further configured to:

determine the expenses of a seller;

determine the benefits of a buyer; and

provide said user with a valuation comprising of the expenses of said seller and the benefits of said buyer.

38.   The system of claim 37, wherein said server is further configured to:

provide said user with a value for said

individual animals based, at least in part, on said valuation.

39. The system of claim 34, wherein said server is further configured to:
collect information on said plurality of animals based on physical attributes.

40. The system of claim 34, wherein said server is further configured to:
collect information on said plurality of animals based on process attributes.

41. A method of enabling at least one user to track at least one individual animal out of a plurality of animals from birth to death, said method comprising:

electronically detecting an animal to be tracked;

electronically identifying said detected animal;

operating a plurality of sensing devices to collect information on said detected animal;

storing said collected information in a central database; and

providing said user with access to said collected information in said database.

42. The method of claim 41 further comprising:

providing a buyer with access to said collected information in said database when said buyer purchases said plurality of animals.

43. The method of claim 41, wherein said operating a plurality of sensing devices comprises:

operating an ultrasound device.

44. The method of claim 41, wherein said operating a plurality of sensing devices comprises:

operating an image capturing device.

45. The method of claim 41, wherein said operating a plurality of sensing devices comprises:

operating a weighing device.

46. The method of claim 41, wherein said operating a plurality of sensing devices comprises:

operating a temperature sensing device.

47. The method of claim 41, wherein said operating a plurality of sensing devices comprises:

operating a height sensing device.

48. The method of claim 41, wherein said operating a plurality of sensing devices is performed automatically.

49. The method of claim 41 further comprising:

processing at least a portion of said collected information.

50. The method of claim 49 further comprising:

predicting future trends based, at least in part, on said collected information.

51. The method of claim 49 further comprising:

providing said user with an assessment of a livestock operation based, at least in part, on said collected information.

52. A system of enabling at least one user to track at least one individual animal out of a plurality of animals from birth to death, said system comprising:

a server;

a plurality of computers coupled to said server;

a central database coupled to said server; and

a plurality of sensing devices coupled to said server;

wherein said server is configured to:

electronically detect an animal to be tracked;

electronically identify said detected animal;

operate a plurality of sensing devices to collect information on said detected animal;

store said collected information in said central database; and

provide said user with access to said collected information in said database.

53. The system of claim 52, wherein said server is further configured to:

provide a buyer with access to said collected information in said database when said buyer purchases said plurality of animals.

54. The method of claim 52, wherein said server is further configured to:

operate an ultrasound device.

55. The system of claim 52, wherein said server is further configured to:

operate an image capturing device.

56. The system of claim 52, wherein said server is further configured to:

operate a weighing device.

57. The system of claim 52, wherein said server is further configured to:

operate a temperature sensing device.

58. The system of claim 52, wherein said server is further configured to:

operate a height sensing device.

59. The system of claim 52, wherein said server is further configured to:

automatically operate a plurality of sensing devices is performed automatically.

60. The system of claim 52, wherein said server is further configured to:

process at least a portion of said collected information.

61. The system of claim 60, wherein said server is further configured to:

predict future trends based, at least in part, on said collected information.

62. The system of claim 60, wherein said server is further configured to:

provide said user with an assessment of a livestock operation based, at least in part, on said collected information.

63. A method of ensuring compliance with branded beef program requirements, said method comprising:

detecting that at least one of a product and a service from a distributor is used on a selected individual animal of a plurality of animals;

storing information based on said detection in a database; and

retrieving information from said database to verify that said selected animal complies with said program requirements.

64. The method of claim 63, wherein said detecting comprises:

detecting when a user purchases said at least one of a product and a service from said distributor.

65. The method of claim 64 further comprising:

enabling said distributor to provide information about said user purchase to said database.

66.   The method of claim 63 further comprising:

        providing a compliance rating for said animal based, at least in part, on said stored information in said database.

67.   The method of claim 66 wherein said providing a compliance rating comprises:

        providing a buyer with expected performance information of said animal;

        obtaining performance data of said animal;

        determining information on actual performance of said animal based on said obtained data; and

        comparing said expected performance information with said actual performance information.

68.   The method of claim 63 further comprising:

        providing an expert with a compliance rating.

69.   The method of claim 63 further comprising:

        enabling a user to view said branded beef program requirements.

70.   The method of claim 63 further comprising:

        calculating a value for said animal based, at least in part, on market information.

71. The method of claim 70, wherein said market information comprises a current market price.

72. The method of claim 63 further comprising:

providing a user with at least one incentive for complying with said program requirements.

73. The method of claim 63 further comprising:

providing a user with access to said stored information in said database when said user purchases said animal.

74. The method of claim 63 further comprising:

enabling an authorized user to verify the compliance of said selected animal.

75. A system of ensuring compliance with branded beef program requirements, said system comprising:

a server;

a plurality of computers coupled to said server; and

a central database coupled to said server;

wherein said server is configured to:

detect that at least one of a product and a service from a distributor is used on a selected individual animal of a plurality of animals;

store information based on said detection in said database; and

retrieve information from said
database to verify that said selected animal complies
with said program requirements.

76.   The system of claim 75, wherein said
server is further configured to:
       detect when a user purchases said at
least one of a product and a service from said
distributor.

77.   The system of claim 76, wherein said
server is further configured to:
       enable said distributor to provide
information about said user purchase to said database.

78.   The system of claim 75, wherein said
server is further configured to:
       provide a compliance rating for said
animal based, at least in part, on said stored
information in said database.

79.   The system of claim 78, wherein said
server is further configured to:
       provide a buyer with expected
performance information of said animal;
       obtain performance data of said animal;
       determine information on actual
performance of said animal based on said obtained data;
and
       compare said expected performance
information with said actual performance information.

80.   The system of claim 75, wherein said server is further configured to:

provide an expert with a compliance rating.

81.   The system of claim 75, wherein said server is further configured to:

enable a user to view said branded beef program requirements.

82.   The system of claim 75, wherein said server is further configured to:

calculate a value for said animal based, at least in part, on market information.

83.   The system of claim 82, wherein said market information comprises a current market price.

84.   The system of claim 75, wherein said server is further configured to:

provide a user with at least one incentive for complying with said program requirements.

85.   The system of claim 75, wherein said server is further configured to:

provide a user with access to said stored information in said database when said user purchases said animal.

86.   The system of claim 75, wherein said server is further configured to:

. enable an authorized user to verify the compliance of said selected animal.

87. A method of ensuring compliance with beef marketing program requirements, said method comprising:

monitoring a communication from a first computer concerning a selected individual animal of a plurality of animals;

comparing said communication with compliance enforcement criteria from a database located on a second computer; and

verifying that said selected animal complies with said program requirements based at least in part on said comparison.

88. A system of ensuring compliance with beef marketing program requirements, said system comprising:

a server;

a computer coupled to said server; and

a central database coupled to said server;

wherein said server is configured to:

monitor a communication from said computer concerning a selected individual animal of a plurality of animals;

compare said communication with compliance enforcement criteria from said central database located on said server; and

verify that said selected animal complies with said program requirements based at least in part on said comparison.

89. A method of ensuring compliance with beef marketing program requirements, said method comprising:

detecting that information on a selected individual animal of a plurality of animals has been entered into a central database;

providing an authorized user with said information; and

enabling said authorized user to verify that said selected animal complies with said program requirements based at least in part on said information.

90. A system of ensuring compliance with beef marketing program requirements, said system comprising:

a server;

a plurality of computers coupled to said server; and

a central database coupled to said server;

wherein said server is configured to:

detect that information on a selected individual animal of a plurality of animals has been entered into said central database;

provide an authorized user with said information; and

enable said authorized user to verify that said selected animal complies with said program requirements based at least in part on said information.

91.   A method of using an expert system to recommend to a user actions to be taken for an individual animal of a plurality of animals, said method comprising:

collecting information pertaining to said animal;

analyzing said collected information by implementing said expert system to determine at least one recommended action for said animal, said implementation including an assessment of risk associated with said recommended action and determining an expected outcome of said action;

providing said user with said recommendation;

enabling said user to provide actual outcome information pertaining to said recommended action to said expert system;

comparing said actual outcome information to said expected outcome; and

updating said expert system based on said comparison.

92.   The method of claim 91 further comprising:

predicting future trends based, at least in part, on said comparison.

93.   The method of claim 91 further comprising:

providing said user with a list of steps to perform said recommendation.

94. The method of claim 91 further comprising:

interpreting said collected information using an artificial intelligence model.

95. The method of claim 91 further comprising:

interpreting said collected information using a neural network.

96. A system of using an expert system to recommend to a user actions to be taken for an individual animal of a plurality of animals, said system comprising:

a server;

a plurality of computers coupled to said server; and

a central database coupled to said server;

wherein said server is configured to:

collect information pertaining to said animal;

analyze said collected information by implementing said expert system to determine at least one recommended action for said animal, said implementation including an assessment of risk associated with said recommended action and determining an expected outcome of said action;

provide said user with said recommendation;

enable said user to provide actual outcome information pertaining to said recommended action to said expert system;

compare said actual outcome information to said expected outcome; and

update said expert system based on said comparison.

97. The system of claim 96, wherein said server is further configured to:

predict future trends based, at least in part, on said comparison.

98. The system of claim 96, wherein said server is further configured to:

provide said user with a list of steps to perform said recommendation.

99. The system of claim 96, wherein said server is further configured to:

interpret said collected information using an artificial intelligence model.

100. The system of claim 96, wherein said server is further configured to:

interpret said collected information using a neural network.

101. A method of sorting a plurality of animals into subgroups of animals, said method comprising:

inputting sorting criteria into a central database;

electronically detecting individual animals of said plurality of animals;

electronically identifying individual animals of said electronically detected animals;

operating a plurality of devices to collect information about said identified animals;

storing said collected information in said central database;

comparing said collected information to said sorting criteria; and

sorting said plurality of animals into subgroups based on said comparison.

102. The method of claim 101 further comprising:

sending one or more instructions to a controller based on said sorting, wherein the controller operates a movement mechanism.

103. The method of claim 101 further comprising:

providing information to a livestock handler to enable said handler to physically indicate which of said animals are in which of said subgroups.

104. The method of claim 103, wherein said providing comprises:

transmitting said subgroup information to said handler via a wireless device.

105. The method of claim 101, wherein said operating said plurality of devices further comprises operating an ultrasound measurement device.

106. The method of claim 101, wherein said inputting sorting criteria comprises inputting criteria based on process attributes.

107. The method of claim 101, wherein said inputting sorting criteria comprises inputting criteria based on physical attributes.

108. The method of claim 101 further comprising:

providing a user with access to said collected information in said database when said user purchases said animal.

109. The method of claim 101, wherein said inputting sorting criteria comprises inputting sales order requirements.

110. A system of sorting a plurality of animals into subgroups of animals, said system comprising:

a server;

a plurality of computers coupled to said server;

a central database coupled to said
server; and

a plurality of electronic devices
coupled to at least one of said plurality of computers;

wherein said server is configured to:

input sorting criteria into a
central database;

electronically detect individual
animals of said plurality of animals;

electronically identify individual
animals of said electronically detected animals;

operate a plurality of devices to
collect information about said identified animals;

store said collected information in
said central database;

compare said collected information
to said sorting criteria; and

sort said plurality of animals into
subgroups based on said comparison.

111. The system of claim 110, wherein said
server is further configured to:

send one or more instructions to a
controller based on said sorting, wherein the
controller operates a movement mechanism.

112. The system of claim 110, wherein said
server is further configured to:

provide information to a livestock
handler to enable said handler to physically indicate
which of said animals are in which of said subgroups.

113. The system of claim 112, wherein said server is further configured to:

transmit said subgroup information to said handler via a wireless device.

114. The system of claim 110, wherein said server is further configured to:

operate an ultrasound measurement device.

115. The system of claim 110, wherein said server is further configured to:

input sorting criteria comprises inputting criteria based on process attributes.

116. The system of claim 110, wherein said server is further configured to:

input sorting criteria comprises inputting criteria based on physical attributes.

117. The system of claim 110, wherein said server is further configured to:

provide a user with access to said collected information in said database when said user purchases said animal.

118. The system of claim 110, wherein said server is further configured to:

input sales order requirements.

119. A method of enabling a user to utilize genetics to improve the quality of a plurality of animals, said method comprising:

selecting at least one specification from a plurality of specifications that relate to said plurality of animals, said at least one specification comprising animal quality objectives of said user;

accessing a plurality of genetics rules in a central database, said plurality of genetics rules comprising animal quality information;

comparing said at least one specification to said plurality of rules;

selecting a genetics rule based on said comparison; and

presenting said user with a genetics improvement strategy based on said selected rule.

120. A system of enabling a user to utilize genetics to improve the quality of a plurality of animals, said system comprising:

a server;

a plurality of computers coupled to said server; and

a central database coupled to said server;

wherein said server is configured to:

select at least one specification from a plurality of specifications that relate to said plurality of animals, said at least one specification comprising animal quality objectives of said user;

access a plurality of genetics rules in said central database, said plurality of genetics rules comprising animal quality information;

compare said at least one specification to said plurality of rules;

select a genetics rule based on said comparison; and

present said user with a genetics improvement strategy based on said selected rule.

121. A method of enabling a user to utilize genetics to improve the quality of an animal that has experienced a genetics test, said method comprising:

receiving results from said genetics test;

obtaining attributes of said animal from said results;

accessing a plurality of genetics rules in a central database;

comparing said attributes to said plurality of genetics rules;

selecting a genetics rule based on said comparison; and

presenting said user with a genetics improvement strategy based on said selected rule.

122. A system of enabling a user to utilize genetics to improve the quality of an animal that has experienced a genetics test, said system comprising:

a server;

a plurality of computers coupled to said server; and

a central database coupled to said server;

wherein said server is configured to:

receive results from said genetics
test;

obtain attributes of said animal
from said results;

access a plurality of genetics
rules in a central database;

compare said attributes to said
plurality of genetics rules;

select a genetics rule based on
said comparison; and

present said user with a genetics
improvement strategy based on said selected rule.

123. A method of enabling a user to utilize
genetics to sort a plurality of animals each of which
has experienced at least one genetics test into
subgroups of animals, said method comprising:

receiving results from at least one
genetics test;

obtaining attributes of said plurality
of animals from said results;

enabling said user to enter sorting
criteria;

comparing said attributes to sorting
criteria; and

sorting said plurality of animals into
subgroups based on said comparison.

124. A system of enabling a user to utilize
genetics to sort a plurality of animals each of which
has experienced at least one genetics test into
subgroups of animals, said system comprising:

a server;

a plurality of computers coupled to said server; and

a central database coupled to said server;

wherein said server is configured to:

receive results from at least one genetics test;

obtain attributes of said plurality of animals from said results;

enable said user to enter sorting criteria;

compare said attributes to sorting criteria; and

sort said plurality of animals into subgroups based on said comparison.

125. A method of enabling a user to manage environmental conditions of a plurality of animals, said method comprising:

enabling said user to input information relating to said environmental conditions;

storing said input information in a central database;

accessing market valuation information pertaining to said plurality of animals;

determining a plurality of options to improve said market valuation based on varying said environmental conditions; and

presenting said user with at least one option from said plurality of options.

126. The method of claim 125, wherein said presenting comprises:

automatically selecting an option from said plurality of options; and

presenting said user with said selected option.

127. The method of claim 126 further comprising:

providing said user with a required activity for ensuring compliance with said selected option.

128. The method of claim 127, wherein said ensuring compliance comprises:

ensuring compliance with a government regulation.

129. The method of claim 128, wherein said government regulation is selected from the group consisting of a local regulation, a state regulation, and a federal regulation.

130. The method of claim 127 further comprising:

providing a reminder to said user relating to said required activity.

131. The method of claim 127 further comprising:

providing said user with a warning when said user does not perform said required activity, said warning comprising a remedial action.

132. The method of claim 125 further comprising:

    providing said user with a plurality of tests required for monitoring said environmental conditions.

133. The method of claim 132 further comprising:

    providing said user with a plurality of laboratories for analyzing said plurality of tests.

134. A system of enabling a user to manage environmental conditions of a plurality of animals, said system comprising:

    a server;

    a plurality of computers coupled to said server; and

    a central database coupled to said server;

    wherein said server is configured to:

    enable said user to input information relating to said environmental conditions;

    store said input information in said central database;

    access market valuation information pertaining to said plurality of animals;

    determine a plurality of options to improve said market valuation based on varying said environmental conditions; and

    present said user with at least one option from said plurality of options.

135. The system of claim 134, wherein said server is further configured to:

automatically select an option from said plurality of options; and

present said user with said selected option.

136. The system of claim 135, wherein said server is further configured to:

provide said user with a required activity for ensuring compliance with said selected option.

137. The system of claim 136, wherein said server is further configured to:

ensure compliance with a government regulation.

138. The system of claim 139, wherein said government regulation is selected from the group consisting of a local regulation, a state regulation, and a federal regulation.

139. The system of claim 136, wherein said server is further configured to:

provide a reminder to said user relating to said required activity.

140. The system of claim 136, wherein said server is further configured to:

provide said user with a warning when said user does not perform said required activity, said warning comprising a remedial action.

141. The system of claim 134, wherein said server is further configured to:

provide said user with a plurality of tests required for monitoring said environmental conditions.

142. The system of claim 141, wherein said server is further configured to:

provide said user with a plurality of laboratories for analyzing said plurality of tests.

143. A method of enabling a user to manage source materials related to a livestock operation, said method comprising:

enabling said user to input information related to said operation into a central database;

storing said input information in said central database;

calculating the value of said source materials; and

determining a plurality of options to utilize said source materials with said operation.

144. The method of claim 143, wherein said source materials are selected from the group consisting of: stormwater, wastewater, manure, irrigation water, soil, compost, milling by-products, animal carcasses, and fertilizer.

145. The method of claim 143 further comprising:

presenting said user with a plurality of tests for determining the quality of said source materials.

146. The method of claim 145 further comprising:

selecting a test from said plurality of test; and

inputting results from said selected test.

147. The method of claim 143 further comprising:

presenting the user with maintenance practices relating to said source materials.

148. A system of enabling a user to manage source materials related to a livestock operation, said system comprising:

a server;

a plurality of computers coupled to said server; and

a central database coupled to said server;

wherein said server is configured to:

enable said user to input information related to said operation into said central database;

store said input information in said central database;

calculate the value of said source materials; and

determine a plurality of options to utilize said source materials with said operation.

149. The system of claim 148, wherein said source materials are selected from the group consisting of: stormwater, wastewater, manure, irrigation water, soil, compost, milling by-products, animal carcasses, and fertilizer.

150. The system of claim 148, wherein said server is further configured to:

present said user with a plurality of tests for determining the quality of said source materials.

151. The system of claim 150, wherein said server is further configured to:

select a test from said plurality of test; and

input results from said selected test.

152. The system of claim 148, wherein said server is configured to:

present the user with maintenance practices relating to said source materials.

153. A method of enabling a user to electronically monitor environmental conditions of a livestock operation, said method comprising:

enabling said user to input information relating to said environmental conditions into a central database;

associating said environmental conditions with a geographic location; and

presenting said user with a map comprising a plurality of layers relating to said environmental conditions.

154. The method of claim 153 further comprising:

accessing a plurality of geographic information via the Internet.

155. The method of claim 153 further comprising:

enabling a user to compare a plurality of geographic locations.

156. A system of enabling a user to electronically monitor environmental conditions of a livestock operation, said system comprising:

a server;

a plurality of computers coupled to said server;

a central database coupled to said server;

wherein said server is configured to:

enable said user to input
information relating to said environmental conditions
into said central database;

associate said environmental
conditions with a geographic location; and

present said user with a map
comprising a plurality of layers relating to said
environmental conditions.

157. The system of claim 156, wherein said
server is further configured to:

access a plurality of geographic
information via the Internet.

158. The system of claim 156, wherein said
server is further configured to:

enable a user to compare a plurality of
geographic locations.

159. A method of ensuring environmental
compliance with government requirements for a livestock
operation, said method comprising:

enabling a user to input information
related to said operation into a central database;

processing at least a portion of said
input information for environmental compliance; and

automatically submitting said processed
information to a regulatory agency.

160. The method of claim 159, wherein said
enabling said user comprises:

providing said user with a form.

161. The method of claim 160 further comprising:

     providing said regulatory agency with access to said input and said processed information in said database.

162. A system of ensuring environmental compliance with government requirements for a livestock operation, said system comprising:

     a server;

     a plurality of computers coupled to said server; and

     a central database coupled to said server;

     wherein said server is configured to:

     enable a user to input information related to said operation into said central database;

     process at least a portion of said input information for environmental compliance; and

     automatically submit said processed information to a regulatory agency.

163. The method of claim 162, wherein said enabling said user comprises:

     providing said user with a form.

164. The method of claim 163 further comprising:

     providing said regulatory agency with access to said input and said processed information in said database.

165. A method of enabling a user to ship livestock, said method comprising:

receiving information from a marketplace, wherein said received information comprises shipping transactions pertaining to livestock;

analyzing said livestock shipping transactions to form livestock shipping patterns;

determining availability of at least one shipper;

enabling said user to view a plurality of shipping arrangements, said shipping arrangements comprising shipping transaction information; and

selecting a shipping arrangement from said plurality of shipping arrangements.

166. The method of claim 165 further comprising:

predicting future shipping needs based on said received information.

167. The method of claim 165, wherein said selecting a shipping arrangement is performed automatically.

168. The method of claim 165 further comprising:

notifying said user of said selected shipping arrangement.

169. The method of claim 165, wherein said information provided to said user during viewing comprises at least one of the following: transportation

cost, animal shipment time, animal mortality rate, truck revenue miles, and status of shipment.

170. The method for claim 165, wherein said selecting said shipping arrangement comprises:

determining a shipping arrangement for the return trip.

171. A system of enabling a user to ship livestock, said system comprising:

a server;

a plurality of computers coupled to said server; and

a central database coupled to said server;

wherein said server is configured to:

receive information from a marketplace, wherein said received information comprises shipping transactions pertaining to livestock;

analyze said livestock shipping transactions to form livestock shipping patterns;

determine availability of at least one shipper;

enable said user to view a plurality of shipping arrangements, said shipping arrangements comprising shipping transaction information; and

select a shipping arrangement from said plurality of shipping arrangements.

172. The system of claim 171, wherein said server is further configured to:

predicting future shipping needs based on said received information.

173. The system of claim 171, wherein said server is further configured to:

select a shipping arrangement is performed automatically.

174. The system of claim 171, wherein said server is further configured to:

notify said user of said selected shipping arrangement.

175. The system of claim 171, wherein said information provided to said user during viewing comprises at least one of the following: transportation cost, animal shipment time, animal mortality rate, truck revenue miles, and status of shipment.

176. The system for claim 171, wherein said server is further configured to:

determine a shipping arrangement for the return trip.

177. A method of enabling a user to manage orders for a plurality of animals, said method comprising:

entering attributes of each of said plurality of animals into a central database;

accessing beef marketing program requirements in said central database;

comparing attributes to said program requirements;

automatically facilitating at least one transaction between a plurality of users based at least in part on said comparison, wherein each user of said plurality of users are at different locations; and

updating an inventory when said transaction has been completed.

178. The method of claim 177 further comprising:

providing said user with access to pricing information pertaining to said plurality of animals.

179. The method of claim 177 further comprising:

enabling said user to view information relating to an inventory of said plurality of animals.

180. A system of enabling a user to manage orders for a plurality of animals, said method comprising:

a server;

a plurality of computers coupled to said server; and

a central database coupled to said server;

wherein said server is configured to:

enter attributes of each of said plurality of animals into said central database;

access beef marketing program requirements in said central database;

compare attributes to said program requirements;

automatically facilitate at least one transaction between a plurality of users based at least in part on said comparison, wherein each user of said plurality of users are at different locations; and

update an inventory when said transaction has been completed.

181. The system of claim 180, wherein said server is further configured to:

provide said user with access to pricing information pertaining to said plurality of animals;

182. The system of claim 180, wherein said server is further configured to:

enable said user to view information relating to an inventory of said plurality of animals.

183. A method of assisting a user in purchasing livestock related to a selected beef marketing program based on collected information in a central database, said method comprising:

accessing beef marketing program requirements from said central database;

comparing said collected information with said program requirements of said selected beef marketing program; and

providing said user with livestock purchase decision information which assists said user to purchase said livestock and allows said user to ensure that said purchased livestock complies with said selected beef marketing program.

184. The method of claim 183, further comprising:

enabling a seller to provide product information about at least one of a product and a service to said central database.

185. The method of claim 183 further comprising:

providing said user with content related to said livestock operation.

186. The method of claim 183 further comprising:

automatically assisting said user to sell at least one of a product and a service to another user.

187. The method of claim 183 further comprising:

enabling said user to purchase at least one animal of a plurality of animals from an auction.

188. The method of claim 187, wherein said enabling comprises:

automatically obtaining bids on said at least one animal.

189. The method of claim 187 further comprising:

providing said user with access to information relating to said animal.

190. The method of claim 187 further comprising:

providing said user with video data relating to said auction.

191. The method of claim 187 further comprising:

providing said user with audio data relating to said auction.

192. The method of claim 183 further comprising:

providing said user with a catalog of said at least one of a product and a service.

193. The method of claim 183 further comprising:

automatically assisting said user in financing said purchase.

194. The method of claim 183 further comprising:

providing said user with access to information relating to agriculture.

195. The method of claim 183 further comprising:

providing said user with access to information relating to livestock.

196. A system of assisting a user in purchasing livestock related to a selected beef marketing program based on collected information in a central database, said system comprising:

a server;

a plurality of computers coupled to said server; and

a central database coupled to said server;

wherein said server is configured to:

access beef marketing program requirements from said central database;

compare said collected information with said program requirements of said selected beef marketing program; and

provide said user with livestock purchase decision information which assists said user to purchase said livestock and allows said user to

ensure that said purchased livestock complies with said
selected beef marketing program.

197. The system of claim 196, wherein said
server is further configured to:
enable a seller to provide product
information about at least one of a product and a
service to said central database.

198. The system of claim 196, wherein said
server is further configured to:
provide said user with content related
to said livestock operation.

199. The system of claim 196, wherein said
server is further configured to:
automatically assist said user to sell
at least one of a product and a service to another
user.

200. The system of claim 196, wherein said
server is further configured to:
enable said user to purchase at least
one animal of a plurality of animals from an auction.

201. The system of claim 200, wherein said
server is further configured to:
automatically obtain bids on said at
least one animal.

202. The system of claim 200, wherein said server is further configured to:

provide said user with access to information relating to said animal.

203. The system of claim 200, wherein said server is further configured to:

provide said user with video data relating to said auction.

204. The system of claim 200, wherein said server is further configured to:

provide said user with audio data relating to said auction.

205. The system of claim 196, wherein said server is further configured to:

provide said user with a catalog of said at least one of a product and a service.

206. The system of claim 196, wherein said server is further configured to:

automatically assist said user in financing said purchase.

207. The system of claim 196, wherein said server is further configured to:

provide said user with access to information relating to agriculture.

208. The system of claim 196, wherein said server is further configured to:

provide said user with access to information relating to livestock.

209. A method of assisting a user in selling livestock related to a selected beef marketing program based on collected information in a central database, said method comprising:

accessing beef marketing program requirements from said central database;

comparing said collected information with said program requirements of said selected beef marketing program; and

providing said user with livestock sale decision information which assists said user to sell said livestock and allows said user to ensure that said livestock complies with said selected beef marketing program.

210. A system of assisting a user in selling livestock related to a selected beef marketing program based on collected information in a central database, said system comprising:

a server;

a plurality of computers coupled to said server; and

a central database coupled to said server;

wherein said server is configured to:

access beef marketing program requirements from said central database;

compare said collected information with said program requirements of said selected beef marketing program; and

provide said user with livestock sale decision information which assists said user to sell said livestock and allows said user to ensure that said livestock complies with said selected beef marketing program.

211. A method of enabling a user to evaluate risks related to livestock operations, said method comprising:

collecting information on at least one livestock resource to be evaluated;

storing said collected information in a database;

analyzing said collected information;

providing said user with cost estimates of said at least one livestock resource based at least in part, on said collected information;

obtaining information on said at least one livestock resource from another user;

comparing said collected information to said obtained information; and

providing said user with an assessment of said livestock operations based, at least in part, on said comparison.

212. The method of claim 211, wherein said collecting further comprises:

collecting information based on a purchase of said livestock resource.

213. A system of enabling a user to evaluate
risks related to livestock operations, said system
comprising:

a server;

a plurality of computers coupled to said
server; and

a central database coupled to said
server;

wherein said server is configured to:

collect information on at least one
livestock resource to be evaluated;

store said collected information in
said database;

analyze said collected information;

provide said user with cost
estimates of said at least one livestock resource based
at least in part, on said collected information;

obtain information on said at least
one livestock resource from another user;

compare said collected information
to said obtained information; and

provide said user with an
assessment of said livestock operations based, at least
in part,
on said comparison.

214. The system of claim 213, wherein said
server is further configured to:

collect information based on a purchase
of said livestock resource.

215. A method of enabling a user to manage a plurality of animals, said method comprising:

enabling a plurality of consumers to enter attributes relating to an individual animal of said plurality of animals;

collecting said entered attributes in a central database;

analyzing said collected attributes using an expert system; and

providing said user with access to said analysis, said user managing said plurality of animal based at least in part on said analysis.

216. The method of claim 215 further comprising:

presenting said user with a plurality of product alternatives based, at least in part, on said analysis.

217. The method of claim 215, wherein said collecting comprises:

collecting marketing information related to said animal product.

218. The method of claim 215, wherein said product alternatives include discontinuing said product.

219. A system of enabling a user to manage a plurality of animals, said system comprising:

a server;

a plurality of computers coupled to said server; and

a central database coupled to said server;

wherein said server is configured to:

enable a plurality of consumers to enter attributes relating to an individual animal of said plurality of animals;

collect said entered attributes in a central database;

analyze said collected attributes using an expert system; and

provide said user with access to said analysis, said user managing said plurality of animal based at least in part on said analysis.

220. The system of claim 219, wherein said server is further configured to:

present said user with a plurality of product alternatives based, at least in part, on said analysis.

221. The system of claim 219, wherein said server is further configured to:

collect marketing information related to said animal product.

222. The system of claim 219, wherein said server is further configure to:

discontinue said product.

223. A method of enabling a first user to manage information relating to a plurality of animals, said method comprising:

receiving a first communication from said first user, said communication requesting entry of animal attribute information into a central database;

in response to said first communication, assigning an access indicator to said information;

entering said information into said central database;

receiving a second communication from a second user having an access code which requests information in said central database;

in response to said second communication, determining which access indicator is associated with said requested information; and

limiting the quantity of requested information to be provided to said second user based on said associated access indicator and said access code of said second user.

224. The method of claim 223, wherein said indicator is selected from the group consisting of private and privileged.

225. The method of claim 223 further comprising:

allowing said user to receive a notification when said inputted information has been entered in a database.

226. The method of claim 223 further comprising:

automatically communicating inputted information to said another user.

227. The method of claim 223 further comprising:

allowing said user to select a portion of said inputted information to communicate to said another user.

228. The method of claim 223 further comprising:

providing the user with the capability to view a report of said accessible information.

229. A system of enabling a first user to manage information relating to a plurality of animals, said system comprising:

a server;

a plurality of computers coupled to said server; and

a central database coupled to said server;

wherein said server is configured to:

receive a first communication from said first user, said communication requesting entry of animal attribute information into a central database;

in response to said first communication, assign an access indicator to said information;

enter said information into said central database;

receive a second communication from a second user having an access code which requests information in said central database;

in response to said second communication, determine which access indicator is associated with said requested information; and

limit the quantity of requested information to be provided to said second user based on said associated access indicator and said access code of said second user.

230. The method of claim 229, wherein said indicator is selected from the group consisting of private and privileged.

231. The system of claim 229, wherein said server is further configured to:

allow said user to receive a notification when said inputted information has been entered in a database.

232. The system of claim 229, wherein said server is further configured to:

automatically communicate inputted information to said another user.

233. The system of claim 229, wherein said server is further configured to:

allow said user to select a portion of said inputted information to communicate to said another user.

234. The system of claim 229, wherein said server is further configured to:

provide the user with the capability to view a report of said accessible information.